



# phoenixNAP Bare Metal Cloud

**API-Driven Dedicated Servers** 

Simple provisioning. Advanced features.



#### **What is Bare Metal Cloud?**

Experience a new level of infrastructure agility with phoenixNAP's IaaS platform built for cloud-native workloads.

In minutes, Bare Metal Cloud lets you spin up pre-configured server instances across our global data center locations. The platform delivers the solid performance of a dedicated infrastructure while allowing you to quickly scale your resources and optimize costs through hourly or monthly billing. Access next-gen hardware technologies on demand. Simplify server management using API, CLI, or Infrastructure as Code tools, streamline Kubernetes and edge deployments, and effortlessly boost the performance of any workload. Leverage cloud-init, custom OS, or flexible bandwidth, networking, and storage options to fine-tune your infrastructure both pre and post-deployment.



### **60-Second Setup**

Launch pre-configured servers in a few clicks and get your infrastructure up and running in minutes



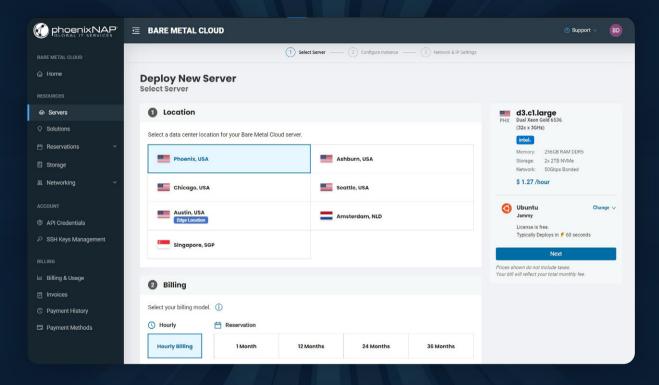
#### API, CLI, IaC, and SDKs

Simplify integration with full support for your favorite DevOps and infrastructure management tools.



### Flexible Billing

Scale your infrastructure resources on the fly, pay only for what you use, or save up to 30% on server reservations.



As a non-virtualized, cloud-native physical server infrastructure, Bare Metal Cloud delivers superior performance, enhanced scalability, and improved cost-efficiency. The globally available platform is built for organizations that rely on a high level of IT automation to support agile workflows, increase development velocity, and optimize CI/CD pipelines.



"Everything is simple and automated. It's like having my own colocated hardware, but without any of the hassle. I needed low-latency access to a particular site in the Phoenix area. A staffer at phoenixNAP helped me out with a few tests to confirm that I'd get the necessary latency. After that, I just created an account, selected the hardware I'd need, and off we went."

**Customer review on G2** 

# Automation-Driven Infrastructure Provisioning

phoenixNAP's Bare Metal Cloud features automated server provisioning and decommissioning, integration with IaC tools (Ansible, Terraform, Chef, Pulumi), and on-demand access to terabytes of low-cost network or S3-compatible object storage.

In minutes, the platform lets you deploy anything from sandboxes to enterprise-grade AI/ML environments, Kubernetes clusters, or virtualized environments running on dedicated resources.

With pre-configured server instances powered by automation, you can quickly and cost-effectively build a low-latency, global infrastructure at any of our core or edge locations across the US, EU, and APAC markets.

# OpEx-Modeled and Quickly Provisioned

Bare Metal Cloud helps organizations accelerate digital transformation and gain easy access to next-gen technologies without capital expenditure. Direct access to the raw power of dedicated hardware resources lets modern enterprises and DevOps teams leverage the flexibility of the cloud without settling for performance compromises.

Consume servers powered by next-gen compute, storage, and network resources with cloud flexibility. Optimize your IT spend and performance with unprecedented efficiency.



### **Key Platform Features**

- Single-tenant, non-virtualized environment
- Fully automated, API-driven server provisioning
- Integrations with Terraform, Ansible, Pulumi, and Chef
- Repos, actions, and SDKs available on GitHub
- Easy access to terabytes of Network File Storage or S3-compatible Object Storage
- Pre-configured, workload-optimized servers (Compute, Memory, Database, GPU...)
- One-click Kubernetes deployments
- Global scalability with edge computing locations available
- Easy access to scale out storage (Network File Storage or Object Storage)
- Up to 50 Gbps network with public and private IP options
- 15 TB FREE bandwidth included (5 TB in Singapore)

# Access to State-of-the-Art Hardware

Bare Metal Cloud allows you to consume next-gen compute and storage technologies as a service.

Gain the ability to dramatically accelerate dataintensive workloads, scale your server instance's storage in minutes, or **access tomorrow's IT technologies without capital expenditures**.

In a couple of clicks, Bare Metal Cloud lets you deploy servers powered by Intel Xeon Scalable or Ampere ARM Processors, Pliops Extreme Data Processor (XDP), or Intel's latest MAX series GPUs. This lets you leverage use case-specific technologies for your cloud-native and data-intensive workloads to cost-effectively boost the performance of anything from AI inferencing to databases and web applications.

# Access the Future of Compute Today

- 50+ workload-optimized server configurations
- Servers with the latest Intel Xeon Scalable CPUs
- Servers with dual Intel MAX GPUs
- As-a-service access to the latest HPE ProLiant servers
- Configurations with Ampere Altra ARM CPUs
- Instances with Pliops Extreme Data Processor (XDP)
- Low-latency NVMe local storage on all servers
- DDR5 RAM on instances built for data-intensive workloads

### **One-Click Deployment of Enterprise Kubernetes Clusters**

Bare Metal Cloud integrates with SUSE Rancher to enable simplified provisioning of geo-distributed, high availability upstream and downstream Kubernetes clusters.

Build your **Kubernetes infrastructure with no single point of failure in less than 5 minutes** and get your code out faster without the overhead of manually setting up your container environment. Providing various API integrations, flexible billing options, and on-demand access to advanced hardware, software, and networking technologies, **Bare Metal Cloud delivers increased agility, performance, and scalability at a fraction of the cost of popular public cloud solutions.** 



## ENTERPRISE-LEVEL AVAILABILITY

Ensure continuous operation for your workloads across on-prem, cloud, hybrid cloud, and edge environments.



#### RAPID SCALABILITY

Create and delete high-quality container clusters running on workload-optimized, API-driven instances in just a few clicks.



#### **HIGH SECURITY**

Enable hardware-level data protection and apply consistent access and security policies across geo-distributed clusters.

### On-Demand Scale-Out Storage Options

Near-instantly deploy high-performance Network File Storage for latency-sensitive workloads or leverage S3-compatible Object Storage to maximize the security and portability of unstructured data.

Bare Metal Cloud integration with VAST Data Network File Storage and Cloudian S3-compatible Object Storage lets you effortlessly scale your server's storage capacity depending on your business needs.

Use the platform's versatile storage solutions to **create a low-latency storage pool for all servers deployed at the same location or safely archive and analyze petabytes of unstructured data**. Decentralize your storage, remove siloed repositories, and optimize both IT costs and storage portability with maximum simplicity and control.

Automated deployment

Resilient and secure

Centralized management as code

- Globally available
- Scalability without hardware upgrades
- Transparent, opex-modeled pricing

## **Advanced Networking Capabilities**

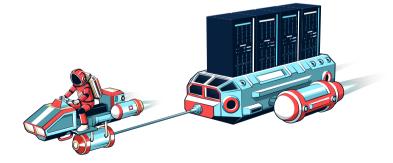
Allocate public IPs, create and manage public and private networks, leverage flexible bandwidth packages, and unlock VPC-like networking options on high-performance bare metal.

Bare Metal Cloud allows you to **purchase a public IP** or allocate it during or after server deployment. The platform also lets you **place multiple servers on the same VLAN** and build networks to best meet your business needs.

For cloud-like networking capabilities on bare metal servers, you can deploy your Bare Metal Cloud instance with **Netris Controller or SoftGate software** running on Ubuntu. This will save you days of work on complex network setup and grant you access to **Network Access Control**, **Elastic Load Balancing**, **External and Internal Routing**, and **Site-to-Site VPN** in minutes.

To create an account, browse available servers, or get started, visit: bmc.phoenixnap.com

For more information, visit: phoenixnap.com/bare-metal-cloud



### phoenixNAP | Global IT Services

phoenixNAP is a full service laaS and colocation provider delivering programmable, OpEx-friendly infrastructure solutions from strategic edge locations worldwide. Focused on innovation, cyber security, and compliance-readiness, phoenixNAP delivers scalable and resilient cloud, dedicated servers, colocation, HaaS, and availability services.

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